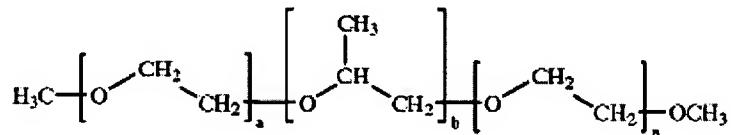


Claim Listing

1. (Currently Amended) A composition comprising: (i) a soluble product extracted from demineralized bone and (ii) a carrier comprising a compound of the formula (I)



derived from a dilithium salt of a dihydroxy compound and wherein the sample has no hydroxyl groups.

2. (Originally presented) The composition according to claim 1, wherein the carrier further comprises a solvent.

3. (Originally presented) The composition according to claim 2, wherein the solvent is water.

4. (Originally presented) The composition according to claim 3, wherein the carrier comprises about 25% to about 30% weight of the compound according to formula (I) and about 75% to about 70% weight water.

5. (Originally presented) The composition according to claim 1, wherein a is about 101 and b is about 56.

6. (Originally presented) The composition according to claim 4, wherein the carrier exhibits reverse phase behavior.

7. (Originally presented) The composition according to claim 1, wherein the soluble product is about 20% to about 80% weight of the composition and the carrier is about 80% to 20% weight of the composition.

8. (Originally presented) The composition according to claim 7, wherein the soluble product is about 60% weight of the composition and the carrier is about 40% weight of the composition.

9. (Originally presented) The composition according to claim 1, further comprising an insoluble product extracted from demineralized bone.

10. (Originally presented) The composition according to claim 9, wherein the soluble product is about 1% to about 80% weight of the composition, the carrier is about 10% to about 40% weight of the composition, and the insoluble product is about 20% to about 50% weight of the composition.

11. (Originally presented) The composition according to claim 10, wherein the soluble product is about 30% to about 40% weight of the composition, the carrier is about 26% to about 28% weight of the composition, and the insoluble product is about 30% weight of the composition.

12. (Originally presented) The composition according to claim 9, further comprising demineralized bone.

13. (Originally presented) The composition according to claim 12, wherein the demineralized bone is in the form of a powder.

14. (Originally presented) The composition according to claim 13, wherein the soluble product is about 1% to about 20% weight of the composition, the carrier is about 10% to about 40% weight of the composition, the insoluble product is about 0.1% to about 15% weight of the composition, and the demineralized bone powder is about 10% to about 40% weight of the composition.

15. (Originally presented) The composition according to claim 14, wherein the soluble product is about 3% to about 5% weight of the composition, the carrier is about 26% to about 28% weight of the composition, the insoluble product is about 6% to about 9% weight of the

composition, and the demineralized bone powder is about 23% to about 27% weight of the composition.

16. (Originally presented) The composition according to claim 1, further comprising bone chips.

17. (Originally presented) The composition according to claim 16, wherein the bone chips are about 1% to about 20% weight of the composition.

18. (Originally presented) The composition according to claim 9, further comprising bone chips.

19. (Originally presented) The composition according to claim 18, wherein the bone chips are about 1% to about 20% weight of the composition.

20. (Originally presented) The composition of claim 9, further comprising at least one of hydroxylapatite, tricalcium phosphate, biphasic calcium phosphate or calcium sulfate.

21. (Originally presented) The composition according to claim 12, further comprising at least one of hydroxylapatite, tricalcium phosphate, biphasic calcium phosphate or calcium sulfate.

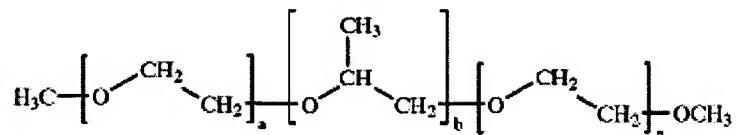
22. (Originally presented) The composition according to claim 21, wherein the at least one of hydroxylapatite, tricalcium phosphate, biphasic calcium phosphate or calcium sulfate is about 15% to about 30% weight of the composition.

23. (Originally presented) The composition according to claim 16, further comprising at least one of hydroxylapatite, tricalcium phosphate, biphasic calcium phosphate or calcium sulfate.

24. (Originally presented) The composition according to claim 18, further comprising at least one of hydroxylapatite, tricalcium phosphate, biphasic calcium phosphate or calcium sulfate.

Withdraw claims 25-40.

41. (Currently Amended) A composition comprising: (i) an osteogenic agent and (ii) a carrier comprising a compound of the formula (I)



derived from a dilithium salt of a dihydroxy compound and wherein the sample has no hydroxyl groups.

42. (Originally presented) The composition according to claim 41, wherein the carrier further comprises a solvent.

43. (Originally presented) The composition according to claim 42, wherein the solvent is water.

44. (Originally presented) The composition according to claim 43, wherein the carrier comprises about 25% to about 30% weight of the compound according to formula (I) and about 75% to about 70% weight water.

45. (Originally presented) The composition according to claim 41, wherein a is about 101 and b is about 56.

46. (Originally presented) The composition according to claim 43, wherein the carrier exhibits reverse phase behavior.

47. (Originally presented) The composition of claim 41, wherein the osteogenic agent is a protein.

48. (Originally presented) The composition of claim 47, wherein the osteogenic agent is a protein that enhances the repair of a bone defect.